

**COMHELTACWINGPAC
NAS NORTH ISLAND, CA
PROFESSIONAL LESSON GUIDE**

I. LECTURE NUMBER: PR - 02

II. TIME: 1.0

III. DATE PREPARED: 11 OCTOBER 2002

IV. DATE REVIEWED REVIEWED BY:

V. TITLE: Consew 206RB Sewing Machines

VI. OBJECTIVE: In order to properly maintain the flight clothing and other miscellaneous equipment, it is imperative that we understand the correct operation and proper sewing procedures for our machines. Additionally, we must be able to correctly perform required preventive and corrective maintenance of the equipment in order for it to operate as effectively as it possibly can.

VII. INSTRUCTIONAL AID(S): None

VIII. REFERENCE(S):

(a) TM-DGSC-3530-101

IX. PRESENTATION:

See reference (a).

X. SUMMARY:

We have just completed a study of sewing. This included a study of the functions, types, and basic parts of a sewing machine as well as the basic skills required for operation and the terminology used in this fabrication procedures.

XI. QUESTIONS AND ANSWERS:

Q. How often is the Consew 206RB oiled when in constant use?

A. Two times a day

Q. The maximum stitch length of the Consew 206RB is _____.

A. $3\frac{1}{2}$ stitches per inch

Q. What type of stitch does the Consew 206RB produce?

A. US 301 Lock Stitch

Q. Needles used on all sewing machines are determined by

_____, _____, _____.
A. Class, size, and variety

Q. After the "break in period" what is the maximum operating speed of the Consew 206RB?

A. 3300 stitches per minute

Q. Explain or demonstrate how the Consew 206RB is threaded.

A. From the thread stand, lead the thread from the back to the front through the lower guide hole in pin "P" on top of the machine arm, then again from the right to left through the upper guide hole in this pin. Pass thread in a weaving fashion through the three holes in guide "B", and from right to left over and between the tension disc "C". Now pull thread downward and from right to left beneath and around thread controller "D", continue to pull thread upward against the pressure of the wire spring into the fork "E" in the thread controller. Guide upward through tread guide "F" and from right to left through the eye at the tip of the take-up lever "G" down through thread guide "F" again and then through "H", "I" and "J" from left to right through the eye of the needle. (see reference A; pg 1, figure 1).